

Improved outer-loop scheduling design for communication systems with channel quality feedback mechanisms

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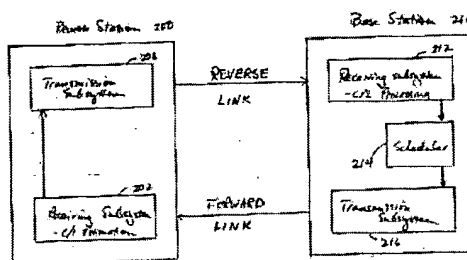
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Abstract of correspondent: **US2003204615**

Methods and apparatus are presented for dynamically adjusting parameters of an outer-loop algorithm, which is used to determine the feasibility of a transmission format. The parameters of the outer-loop algorithm are adjusted according to channel conditions. In one embodiment, an erasure-based approach is used to determine whether to incrementally increase or incrementally decrease a margin parameter in the outer-loop algorithm. Once one margin parameter is altered, other margin parameters can be adjusted accordingly.



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